

NSPS SEMI-ANNUAL REPORT (07/1/07-12/31/07)
BRIDGETON LANDFILL, LLC
BRIDGETON, MISSOURI

Installation ID Number 189-0312
Aquaterra Project Number 2137.10
January 2008

AQUATERRA
ENVIRONMENTAL SOLUTIONS, INC.

Prepared For:
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AQUATERRA
ENVIRONMENTAL SOLUTIONS, INC.

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NSPS Semi-Annual Report (7/1/07-12/31/07)

Bridgeton Landfill, LLC

Bridgeton, Missouri

1.0 INTRODUCTION

In accordance with 10 CSR 10-5.490(7)(H) each landfill that has a calculated non-methane organic compound (NMOC) emission rate equal to or greater than 25 Megagrams per year and 1.0 million Megagrams must submit a semi-annual report summarizing the gas system operations to verify compliance with 10 CSR 10-5.490 Municipal Solid Waste Landfill. In addition to the local requirements, the municipal solid waste landfill's NMOC emissions exceed 50 Megagrams per year, therefore the installation is subject to the requirements set forth in 40 CFR 60 Subpart WWW, New Source Performance Standards for Municipal Solid Waste Landfills (NSPS). This report serves as the semi-annual NSPS Report for the reporting period July 1st, 2007 through December 31st, 2007.

Documented in this report are exceedances of monitored parameters under 10 CSR 10-5.490 and 40 CFR 60 Subpart WWW. Information regarding operation of the landfill gas (LFG) extraction system was obtained from Bridgeton Landfill. The information regarding landfill surface monitoring was obtained from Herst and Associates.

Landfill gas at the Bridgeton Landfill is currently being collected from 82 gas extraction wells, and associated header piping to a flare for control. During the reporting period two identical 3,500 standard cubic feet per minute (SCFM) enclosed flares were utilized to control the landfill gas collected. In addition to the above control system the facility has six leachate extraction wells within waste to control odor, one perimeter trench and 40 perimeter gas extraction wells to address off-site migration.

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2.0 NSPS COMPLIANCE REPORTING

The following discusses each of the monitored parameters to be addressed in the semi-annual report to comply with 10 CSR 10-5.490 Restriction of Emissions from Municipal Solid Waste Landfills.

2.1 Exceedance of Monitoring of the Collection System

Regulation 10 CSR 10-5.490(7)(H)1 defines the value and length of time for exceedance of applicable parameters monitored under subsections (6)(A), (B), (C), and (D).

2.1.1 Gauge Pressure

Regulation 10 CSR 10-5.490(5)(A)3 requires the operation of the collection system with negative pressure at each wellhead. Any instant where positive pressure is monitored; the location and duration of the exceedance shall be documented.

Based on the wellfield data enclosed in Appendix A, instances of positive pressure were recorded during wellfield balancing; action was taken within 5 days to correct the exceedances, the wells were re-monitored within 15 calendar days to verify compliance. All gas extraction wells achieved compliance except the following:

Device ID	Date Monitored	Static Pressure (inches H ₂ O)	Days Until Compliance Achieved
BRLCS-6A	6/14/2007	0	29 days
BRIPEW15	7/13/2007	2.7	27 days
BRGEW18	8/8/2007	0	20 days

2.1.2 Temperature

Regulation 10 CSR 10-5.490(3)(B)3.B.(III)(b) requires the operation of each interior wellhead in the collection system with a landfill gas temperature less than 131°F. Any instant where a temperature in excess of 131°F is monitored; the location and duration of the exceedance shall be documented.

Based on the wellfield data enclosed in Appendix A, instances of temperatures in excess of 130°F were recorded during wellfield balancing; action was typically taken to reduce the vacuum at the wellhead.

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The following table summarizes each event where a temperature in excess of 130°F was monitored:

Device ID	Date Monitored	Temp (F)	Days Until Compliance Achieved
BRIEW12A	7/10/2007	139	8 days
BRIGEW11	7/10/2007	131	14 days
BRIGEW13	7/10/2007	134	14 days
BRIEW19A	7/11/2007	132	28 days
BRIEW24A	7/23/2007	138	1 day
BRIGEW26	7/23/2007	145	1 day
BRIGEW33	7/23/2007	134	1 day
BRIGEW34	7/23/2007	131	0 days
BRIGEW45	7/23/2007	131	1 day
BRIGEW56	7/24/2007	143	0 days
BRIGEW63	7/10/2007	142	14 days
BRIEW12A	8/21/2007	135	0 days
BRIEW19A	8/28/2007	131	0 days
BRIGEW13	8/8/2007	135	2 days
BRIGEW34	8/8/2007	131	0 days
BRIGEW67	8/21/2007	132	0 days
BRIEW19A	9/4/2007	133	29 days
BRIGEW13	9/4/2007	134	3 days
BRIGEW63	9/5/2007	139	2 days
BRIGEW67	9/5/2007	135	2 days
BRIGEW81	9/19/2007	133	0 days
BRLCS-6A	9/19/2007	134	0 days
BRIEW12A	10/3/2007	142	29 days
BRIGEW13	10/3/2007	135	0 days
BRIGEW55	10/18/2007	146	14 days
BRIGEW67	10/18/2007	136	14 days
BRIEW19A	11/1/2007	143	11 days
BRIEW19A	11/12/2007	148	52 days
BRIGEW13	11/1/2007	138	0 days
BRIGEW67	11/1/2007	133	0 days
BRIEW12A	12/26/2007	134	0 days
BRIGEW11	12/26/2007	132	0 days
BRIGEW13	12/26/2007	135	0 days
BRIGEW67	12/26/2007	136	9 days

During the reporting period the company that completes the wellfield monitoring, Monitoring Control and Compliance, Inc., conducted carbon monoxide monitoring at gas extraction wells with elevated temperatures during the reporting period. A request for a temperature variance in specific wells is forthcoming.

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2.1.3 Oxygen or Nitrogen Concentration

Regulation 10 CSR 10-5.490(3)(B)3.B.(III)(b) requires the operation of each interior wellhead in the collection system with either a nitrogen level less than 20 percent or an oxygen level less than five percent. Any instant where the nitrogen level less exceeds 20 percent or the oxygen level exceeds five percent is monitored; the location and duration of the exceedance shall be documented.

Based on the wellfield data enclosed in Appendix A, instances of elevated oxygen levels were recorded during wellfield balancing; action was taken within 5 days to correct the exceedances, the wells were re-monitored within 15 calendar days to verify compliance. All gas extraction wells achieved compliance except the following gas extraction wells:

Device ID	Date Monitored	O ₂ (Oxygen) (% by vol)	Days Until Compliance Achieved
BRLCS-5A	7/13/2007	17.8	28 days
BRGEW18	8/8/2007	7.3	20 days

2.1.4 Operations of Gas Collection System

Regulation 10 CSR 10-5.490(7)(H)4 states all periods when the collection system was not operation in excess of five (5) days.

There were no periods when the collection system was not operational for more than five days during the reporting period.

2.1.5 Surface Emissions Monitoring

Regulation 10 CSR 10-5.490(7)(H)5 states the location of each exceedance of the 500 parts per million (ppm) methane concentration as provided in (4)(D) and the concentration recorded at each location for which an exceedance was recorded in the previous month.

In 2007 Bridgeton Landfill reverted to annual surface emissions monitoring due to the landfill closing February 28, 2005 and no surface emissions monitoring exceedances in 2006. Herst and Associates, Inc. completed surface emissions monitoring on April 24, 2007. No exceedances were observed above the 500 ppm regulatory threshold during this event.

2.1.6 Landfill Gas System Installation

Regulation 10 CSR 10-5.490(7)(H)6 states the date of installation and the location of each well or collection system expansion added.

No gas extraction wells or expansions of the collection system were conducted during the reporting period.

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2.2 Exceedance of Monitoring of the Control Device

2.2.1 Record of Operation

Regulation 10 CSR 10-5.490(7)(H)2 states the description and duration of all periods when the gas stream is diverted from the control device through a bypass line or the indication of bypass flow.

There were no periods between July 1st, 2007 and December 31st, 2007, when the LFG stream was bypassed from a control device. The gas collection system at the Bridgeton Landfill does not have a bypass line and the blower/flare system is designed to shutdown the entire system when the flare is inoperable.

2.2.2 Continual Operation of Control Device

Regulation 10 CSR 10-5.490(7)(H)3 states the description and duration of all periods when the control device was not operating for a period exceeding one (1) hour and length of time the control device was not operating.

At present, total landfill gas collection ranges from 1,500 SCFM to 2,400 SCFM. Each enclosed flare has the design capacity to handle upwards of 3,500 SCFM of landfill gas. At these lower collection volumes, one flare is being used to manage landfill gas collected and the second enclosed flare is used as backup. If LFG collection approaches the maximum design rate of one enclosed flare, the other enclosed flare will become operational to control the LFG collected.

Based on the circular charts provided by Bridgeton Landfill the blower/flare system recorded ten (10) events where the control device was inoperable for periods in excess of one hour. Appendix B contains the date, duration and description for the periods the control device was inoperable in excess of one hour.

2.2.3 Average Combustion Temperature

Regulation 40 CFR 60.758(c)(1)(i) states for enclosed combustors all 3-hour periods of operation during which the average combustion temperature was more than 82°F below the average combustion temperature during the most recent performance test.

The most recent performance test was conducted on February 16 and 17, 2005. For the two 3,500 SCFM identical enclosed flares the following compliance temperatures were recorded.

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Table 1: Compliance Temperatures for East and West Flares

Flare	Thermocouple	Compliance Temperature (°F)
East Flare (#1)	TE 202B	1398
West Flare (#2)	TE 202B	1488

Based on the circular charts provided by Bridgeton Sanitary Landfill on the blower/flare system there were no events were documented where the 3-hour average combustion temperature was below the compliance temperatures in Table 1. However, recorded flow and temperature were not available during the following periods:

Date of Event	Duration of Recorded Data not Available (hr:min)
7/27/07 8:45	1:50
8/28/07 8:30	22:35
8/29/07 2:30	0:35
9/12/07 6:45	7:30
9/12/07 6:45	2:30
9/21/07 16:15	63:52
10/26/07 16:00	63:22

Compliance with the 3-hour average combustion temperature was not verified for these periods.

WELLFIELD DATA

APPENDIX A

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July 2007
Wellfield Data

Device ID	Date Time	CH4 (Methane) (%)	CO2 (Carbon Dioxide) (%)	O ₂ (Oxygen) (% by vol)	Initial Static Pressure (inches H ₂ O)	Initial Temperature (Deg F)
BRGEW65A	7/10/07 17:34	50	39.8	0	-0.4	107
BRGEW65A	7/24/07 8:53	42.6	37.9	0	-2	100
BRGEW65A	7/24/07 8:55	42.5	37.3	0.1	-1.9	100
BRIEW12A	7/10/07 14:31	50.7	39.4	0	-1.1	139
BRIEW12A	7/18/07 15:26	39.9	42.2	0	-0.8	141
BRIEW12A	7/18/07 15:33	37.3	39.2	0.3	-0.5	133
BRIEW12A	7/18/07 16:29	39.4	43.5	0	-0.2	123
BRIEW12A	7/23/07 10:53	37.9	44.3	0	-0.8	112
BRIEW14A	7/10/07 14:41	55.6	36.1	0	-4.4	120
BRIEW14A	7/10/07 14:43	55.6	36.1	0	-4.4	120
BRIEW14A	7/10/07 14:45	54.4	35.7	0	-6	121
BRIEW14A	7/23/07 11:04	38.5	37.6	0	-7	120
BRIEW14A	7/23/07 11:05	38.4	37.6	0	-5.5	120
BRIEW19A	7/11/07 9:16	55.3	41.9	0	-1.3	132
BRIEW19A	7/11/07 9:18	56.5	42.4	0	-1.6	138
BRIEW19A	7/23/07 11:45	43.8	42.7	0	-1.6	135
BRIEW19A	7/23/07 11:49	42	41.5	0.1	-0.5	132
BRIEW19A	7/24/07 12:47	50.2	45.6	0	0.2	132
BRIEW19A	7/24/07 12:54	50	46.2	0	-0.2	132
BRIEW19A	7/24/07 12:55	50	46.2	0	-0.1	132
BRIEW19A	7/25/07 13:56	21.7	13.4	0.1	-0.3	135
BRIEW19A	7/25/07 14:04	72	11	0.2	0.3	122
BRIEW19A	7/25/07 14:23	46.8	8.5	0.3	-0.1	132
BRIEW20A	7/11/07 9:21	57.5	40.7	0	-2.3	120
BRIEW20A	7/11/07 9:23	57.4	40.8	0	-2.7	121
BRIEW20A	7/23/07 11:53	44.5	41.1	0	-2.6	127
BRIEW20A	7/23/07 11:55	44.3	41.3	0	-1.7	127
BRIEW21A	7/11/07 9:27	52.1	38.2	0	-3.6	118
BRIEW21A	7/11/07 9:29	51.9	38.2	0	-4.2	120
BRIEW21A	7/23/07 12:29	40.2	37.7	0.1	-4.2	125
BRIEW21A	7/23/07 12:31	39.6	38.1	0.1	-3.2	126
BRIEW23A	7/11/07 9:38	52.4	37.8	0	-1.7	100
BRIEW23A	7/11/07 9:41	52.2	37.5	0	-1.8	100
BRIEW23A	7/23/07 12:40	40.1	37.7	0	-4.5	125
BRIEW23A	7/23/07 12:43	36.1	34.4	1.8	-3.5	125
BRIEW24A	7/11/07 9:44	48.8	37.7	0	-2.3	110
BRIEW24A	7/23/07 12:47	46.2	40.8	0.2	-1.5	138
BRIEW24A	7/23/07 12:49	46.1	40.6	0.2	-0.7	136
BRIEW24A	7/24/07 13:02	52.2	42.5	0	-0.1	120
BRIEW25A	7/11/07 9:48	42.3	34	0	-1.9	100
BRIEW25A	7/11/07 9:51	42.6	33.5	0	-1.5	100
BRIEW25A	7/23/07 12:53	42.5	38.5	0.1	-1.4	130
BRIEW25A	7/23/07 12:56	42.4	38.7	0	-0.8	129
BRIEW27A	7/11/07 10:01	43.2	35.6	0.1	-1.2	100
BRIEW27A	7/23/07 13:06	39	37.7	0.1	-0.6	99
BRIEW27A	7/23/07 13:08	38.5	37.5	0.2	-0.6	99
BRIGEW01	7/10/07 14:20	52.2	36.5	0	-0.1	108

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Wellfield Data

Device ID	Date Time	CH4 (Methane) (%)	CO2 (Carbon Dioxide) (%)	O ₂ (Oxygen) (% by vol)	Initial Static Pressure (inches H ₂ O)	Initial Temperat ure (Deg F)
BRIGEW01	7/10/07 14:22	51.5	36.5	0	-0.3	108
BRIGEW01	7/23/07 9:28	39.4	33.7	0	-0.4	119
BRIGEW01	7/23/07 9:30	39.4	34.1	0	-0.1	118
BRIGEW02	7/10/07 14:12	51.5	40.3	0	-3.4	128
BRIGEW02	7/23/07 9:35	48.2	41.2	0	-3.4	93
BRIGEW03	7/10/07 14:28	45.6	38.9	0	-0.8	114
BRIGEW03	7/10/07 14:30	45.2	39.1	0	-0.9	114
BRIGEW03	7/23/07 9:40	41.1	38.9	0	-0.8	108
BRIGEW03	7/23/07 9:43	41	38.9	0	-0.8	108
BRIGEW04	7/10/07 14:36	49.5	40.2	0	-1.3	126
BRIGEW04	7/23/07 9:47	43.7	39.8	0	-1.2	127
BRIGEW04	7/23/07 9:50	43.5	40	0	-1	127
BRIGEW05	7/10/07 14:47	50.2	39.5	0	0	97
BRIGEW05	7/10/07 14:50	49.6	38.8	0	-0.2	97
BRIGEW05	7/23/07 9:53	31.4	36.4	0	-0.5	97
BRIGEW05	7/23/07 9:55	31.5	36.3	0	-0.2	97
BRIGEW06	7/10/07 15:01	49.6	38.7	0	-0.1	98
BRIGEW06	7/23/07 9:59	36.9	35.9	0.8	-0.4	94
BRIGEW06	7/23/07 10:01	37.6	35.7	0.7	-0.2	94
BRIGEW07	7/10/07 15:58	51.2	40.1	0	-3.2	118
BRIGEW07	7/23/07 10:05	47.5	40.2	0	-4	119
BRIGEW07	7/23/07 10:07	46.8	40.4	0	-3.1	119
BRIGEW08	7/10/07 15:54	50.9	40.3	0	-2.4	128
BRIGEW08	7/23/07 10:18	44.9	40.1	0	-6.7	128
BRIGEW08	7/23/07 10:23	44.7	39.6	0	-5	126
BRIGEW09	7/10/07 16:06	34.2	34.3	0	0.8	108
BRIGEW09	7/10/07 16:10	36.1	35.2	0	-2.4	108
BRIGEW09	7/23/07 10:28	19.8	30.5	0	-1.4	109
BRIGEW09	7/23/07 10:34	19.8	30.3	0	-0.7	109
BRIGEW10	7/10/07 16:15	48.4	38.5	0	-16.9	120
BRIGEW10	7/23/07 10:39	44.6	40.3	0	-17.8	119
BRIGEW10	7/23/07 10:40	45	40.8	0	-17.2	119
BRIGEW11	7/10/07 14:11	54.7	40.3	0	-4.1	130
BRIGEW11	7/10/07 14:16	54.8	40.4	0	-4.8	131
BRIGEW11	7/10/07 16:21	48.3	42	0	-4.4	139
BRIGEW11	7/23/07 10:45	40.9	46.6	0	-4.7	141
BRIGEW11	7/23/07 10:49	50	44	0	-4.1	138
BRIGEW11	7/24/07 12:15	43.4	35.2	4	-2.4	98
BRIGEW13	7/10/07 14:35	58.6	41.3	0	0	134
BRIGEW13	7/10/07 14:37	58.2	41.7	0	-0.2	139
BRIGEW13	7/23/07 10:57	50.3	44.8	0	-1.3	138
BRIGEW13	7/23/07 10:59	50.4	45.2	0	-0.6	133
BRIGEW13	7/24/07 12:27	52.1	45.3	0	-0.2	128
BRIGEW15	7/10/07 14:49	27.9	27.1	0	0	98
BRIGEW15	7/10/07 14:53	29.5	27.6	0	-0.2	100
BRIGEW15	7/23/07 11:09	17.5	28.2	0	-0.5	100
BRIGEW15	7/23/07 11:12	17.2	28.2	0	-0.4	100

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BRIGEW16	7/10/07 15:17	54.8	34.3	0	-3.8	108
BRIGEW16	7/10/07 15:19	54.1	35	0	-4.5	110
BRIGEW16	7/10/07 15:32	58.7	36.8	0	-3.2	120
BRIGEW16	7/10/07 15:34	58.2	36.9	0	-3.9	120
BRIGEW16	7/23/07 11:15	33.2	34.9	0	-5.2	109
BRIGEW16	7/23/07 11:17	33.2	35.6	0	-4.5	109
BRIGEW17	7/23/07 11:28	38.2	37.1	0	-5.2	118
BRIGEW17	7/23/07 11:30	36.3	36.5	0	-4.4	118
BRIGEW18	7/10/07 15:38	59.6	40.3	0	0.9	98
BRIGEW18	7/10/07 15:41	59.1	40.3	0	-0.6	120
BRIGEW18	7/23/07 11:34	29	27	5.8	-2.4	114
BRIGEW18	7/23/07 11:41	5.3	7.5	13.9	-1.2	111
BRIGEW18	7/24/07 12:41	50.3	43.1	0	0.2	116
BRIGEW18	7/24/07 12:43	50.9	43.4	0	-0.3	116
BRIGEW22	7/11/07 9:32	56.8	40.1	0	-2.2	96
BRIGEW22	7/11/07 9:34	57.3	40.5	0	-2.6	108
BRIGEW22	7/23/07 12:35	48.6	41.2	0	-3	122
BRIGEW26	7/11/07 9:56	52.3	37.2	0.4	-3.3	120
BRIGEW26	7/11/07 9:58	51.6	36.7	0.5	-3.6	120
BRIGEW26	7/23/07 13:00	47	40.3	0.7	-3	145
BRIGEW26	7/23/07 13:02	46.6	40.9	0.6	-1.1	145
BRIGEW26	7/24/07 13:07	47.2	39.7	0.1	-0.3	129
BRIGEW28	7/11/07 10:04	55.6	38.2	0	-13.4	128
BRIGEW28	7/11/07 10:06	55.6	38.4	0	-14.3	128
BRIGEW28	7/23/07 13:11	51.3	41.4	0	-14.7	128
BRIGEW29	7/11/07 10:10	56	39.7	0	-2.1	80
BRIGEW29	7/11/07 10:13	31.7	32	0	-2.2	84
BRIGEW29	7/23/07 13:15	27.4	30.2	0	-1.5	115
BRIGEW29	7/23/07 13:17	27.1	29.8	0.3	-1.2	115
BRIGEW30	7/11/07 10:19	53.7	37.5	0	-6	128
BRIGEW30	7/11/07 10:21	53.1	37.5	0	-6.5	128
BRIGEW30	7/23/07 13:20	45.7	39.4	0	-6.8	126
BRIGEW31	7/11/07 10:25	56.5	38.8	0.1	-23.3	128
BRIGEW31	7/11/07 10:27	56.2	38.8	0.1	-28	128
BRIGEW31	7/23/07 13:29	48.4	40.2	0.5	-20	127
BRIGEW32	7/11/07 10:31	54	38.1	0.3	-18.8	120
BRIGEW32	7/11/07 10:33	53.9	37.8	0.3	-24.1	130
BRIGEW32	7/23/07 13:35	45.7	40.1	0.3	-19.6	124
BRIGEW33	7/11/07 10:36	45.8	35.6	0	-14.3	112
BRIGEW33	7/23/07 13:40	36.8	36.6	0.1	-12.9	134
BRIGEW33	7/23/07 13:43	37.4	37	0.1	-9.7	132
BRIGEW33	7/24/07 13:14	36.3	35.8	0	-8.6	125
BRIGEW33	7/24/07 13:21	34.9	34.8	0.8	-4.4	125
BRIGEW34	7/11/07 10:40	57.3	39	0	-2.7	130
BRIGEW34	7/11/07 10:42	57.1	37.9	0	-3.2	130
BRIGEW34	7/23/07 13:46	48.4	40.1	0	-2.8	131
BRIGEW34	7/23/07 13:49	52.3	41.3	0.1	-2	129

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Wellfield Data

Device ID	Date Time	CH4 (Methane) (%)	CO2 (Carbon Dioxide) (%)	O ₂ (Oxygen) (% by vol)	Initial Static Pressure (inches H ₂ O)	Initial Temperat ure (Deg F)
BRIGEW35	7/11/07 10:46	56.9	40.2	0	-3.1	120
BRIGEW35	7/11/07 10:48	56.5	40.9	0	-3.4	120
BRIGEW35	7/23/07 13:53	49.6	42.7	0	-2.8	116
BRIGEW36	7/11/07 10:51	55.8	39.5	0	-2.1	106
BRIGEW36	7/11/07 10:53	55.6	39.4	0	-2.3	106
BRIGEW36	7/23/07 13:56	50.9	43.1	0	-1.3	108
BRIGEW37	7/11/07 10:58	53.9	36.7	0	-1.6	100
BRIGEW37	7/11/07 11:00	54.1	36.6	0	-1.8	100
BRIGEW37	7/23/07 14:00	46.2	42.2	0	-0.7	113
BRIGEW38	7/11/07 11:00	52.6	42.5	0	-4	118
BRIGEW38	7/23/07 14:04	51.4	42.9	0	-5.2	117
BRIGEW39	7/11/07 11:03	50.9	40.3	0	-1.2	118
BRIGEW39	7/23/07 14:07	50	41.4	0	-0.9	119
BRIGEW40	7/10/07 13:10	54.3	37.7	0	-8	109
BRIGEW40	7/10/07 13:12	53.9	37.4	0	-8.1	109
BRIGEW40	7/10/07 13:16	53.5	39.1	0	-8.8	109
BRIGEW40	7/23/07 14:11	46.8	39.5	0	-7.4	114
BRIGEW41	7/10/07 13:24	49.8	39.5	0	-1.4	115
BRIGEW41	7/11/07 10:52	50.8	40.2	0	-1.4	119
BRIGEW41	7/23/07 14:14	46.1	40.3	0	-1.4	125
BRIGEW42	7/10/07 13:33	47.3	39.1	0	-0.7	108
BRIGEW42	7/23/07 14:18	44.7	40	0	-0.6	109
BRIGEW42	7/23/07 14:19	44.6	40.3	0	-0.3	109
BRIGEW43	7/10/07 13:40	49.7	41.1	0	-2.6	114
BRIGEW43	7/23/07 14:25	48.7	42.8	0	-4.2	113
BRIGEW44	7/10/07 13:45	45.9	39.2	0	-0.5	118
BRIGEW44	7/23/07 14:28	40.5	39.1	0	-0.3	129
BRIGEW44	7/23/07 14:30	41.4	39.7	0	-0.2	129
BRIGEW45	7/10/07 14:00	51.5	41.2	0	-9.4	120
BRIGEW45	7/23/07 14:34	51.1	43.6	0	-10.4	131
BRIGEW45	7/23/07 14:37	50.2	42.8	0	-6.7	131
BRIGEW45	7/24/07 13:31	49.4	41.1	0	-6.6	132
BRIGEW45	7/24/07 13:35	49	40.7	0.1	-2.5	125
BRIGEW46	7/10/07 14:06	48.1	39.8	0	-4.6	116
BRIGEW46	7/23/07 14:41	46.7	41.7	0	-4.6	118
BRIGEW47	7/10/07 14:42	48.2	41.2	0	-24.8	122
BRIGEW47	7/23/07 14:45	47.9	42.6	0	-26.5	122
BRIGEW48	7/10/07 14:56	52.3	41.6	0	-0.1	118
BRIGEW48	7/23/07 14:49	48.2	43.2	0	-0.9	116
BRIGEW49	7/10/07 13:50	39.4	36.4	0	-0.4	101
BRIGEW49	7/10/07 13:55	39.8	36.8	0	-0.3	101
BRIGEW49	7/23/07 14:54	34	36.5	0	0	91
BRIGEW49	7/23/07 14:56	36.1	37.1	0	-0.2	91
BRIGEW50	7/10/07 15:05	52.1	41	0	-0.2	110
BRIGEW50	7/23/07 14:59	48.8	42.4	0	-0.3	115
BRIGEW51	7/10/07 15:32	49.2	41.4	0	0.1	112
BRIGEW51	7/10/07 15:39	49.1	41	0	-5	112

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Device ID	Date Time	CH4 (Methane) (%)	CO2 (Carbon Dioxide) (%)	O ₂ (Oxygen) (% by vol)	Initial Static Pressure (inches H ₂ O)	Initial Temperature (Deg F)
BRIGEW51	7/24/07 7:13	49.1	42.1	0	-0.6	112
BRIGEW52	7/10/07 15:10	43.1	37.4	0	-0.1	112
BRIGEW52	7/11/07 11:51	32.3	36.1	0	-0.4	112
BRIGEW52	7/24/07 7:20	33.3	35.5	0	-0.2	116
BRIGEW52	7/24/07 7:24	33.3	35.6	0	-0.2	116
BRIGEW53	7/10/07 15:16	48.8	40.9	0	-4	97
BRIGEW53	7/24/07 7:28	45.6	38.2	0	-3.6	82
BRIGEW53	7/24/07 7:31	45.4	38.2	0	-1.4	82
BRIGEW54	7/10/07 15:21	48.8	41.2	0	-1.4	104
BRIGEW54	7/24/07 7:34	44.2	40.1	0	-0.6	99
BRIGEW54	7/24/07 7:37	44	40.2	0	-0.6	99
BRIGEW55	7/10/07 15:44	46.9	41.8	0	-2	121
BRIGEW55	7/24/07 7:42	44.3	41.1	0	-3	118
BRIGEW55	7/24/07 7:44	44	41.2	0	-2	118
BRIGEW56	7/10/07 13:55	56.3	38.9	0	-1.4	98
BRIGEW56	7/10/07 14:01	56.6	38.8	0	-3.2	122
BRIGEW56	7/24/07 7:48	52.1	37.5	0.3	-4.7	143
BRIGEW56	7/24/07 7:52	50.6	36.7	0.9	-2.2	129
BRIGEW57	7/10/07 16:36	45.2	38	0	-5.6	102
BRIGEW57	7/10/07 16:43	45	39.7	0	-4.8	102
BRIGEW57	7/24/07 8:00	43.6	38.8	0	-7	101
BRIGEW57	7/24/07 8:02	43	38.6	0	-5	101
BRIGEW58	7/10/07 16:50	46.3	39.1	0	-0.6	125
BRIGEW58	7/24/07 8:07	45.6	38.7	0	-2.2	125
BRIGEW58	7/24/07 8:09	45.8	38.7	0	-2	122
BRIGEW59	7/10/07 16:58	38.3	40.3	0	-1.6	114
BRIGEW59	7/10/07 17:01	38.3	40.2	0	-1.2	114
BRIGEW59	7/24/07 8:14	31.6	36.2	0	-2.9	99
BRIGEW59	7/24/07 8:18	27.4	31.7	2.7	-1.9	99
BRIGEW60	7/10/07 17:07	45.1	37.5	0	-2.2	109
BRIGEW60	7/10/07 17:09	45.1	37.2	0	-1.9	109
BRIGEW60	7/24/07 8:22	45.9	38.3	0	-3.3	108
BRIGEW60	7/24/07 8:24	46.1	38.5	0	-3.1	108
BRIGEW61	7/10/07 17:15	53.3	41.3	0	0	77
BRIGEW61	7/10/07 17:17	53.4	41.6	0	-0.2	77
BRIGEW61	7/24/07 8:29	50.3	40.6	0	-1.1	72
BRIGEW62	7/10/07 17:22	43.8	41.5	0	0	108
BRIGEW62	7/10/07 17:25	44	41.5	0	-0.1	108
BRIGEW62	7/24/07 8:32	44.5	38.9	0.1	-1.2	108
BRIGEW62	7/24/07 8:34	44.2	38.6	0.2	-0.9	108
BRIGEW63	7/10/07 13:45	37.7	37.1	0.1	-2.6	142
BRIGEW63	7/10/07 13:45	37.7	37.1	0.1	-2.6	142
BRIGEW63	7/10/07 13:47	37.5	36.4	2.1	-2.1	139
BRIGEW63	7/10/07 13:49	37.6	36.3	0.1	-1.7	138
BRIGEW63	7/24/07 8:40	42.8	40.1	0	-1.6	122
BRIGEW63	7/24/07 8:41	41.5	38.8	0.7	-1.3	122
BRIGEW64	7/10/07 17:30	51.2	40.6	0	-1.8	107

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Device ID	Date Time	CH4 (Methane) (%)	CO2 (Carbon Dioxide) (%)	O ₂ (Oxygen) (% by vol)	Initial Static Pressure (inches H ₂ O)	Initial Temperat- ure (Deg F)
BRIGEW64	7/24/07 8:49	50	40.6	0.1	-4	106
BRIGEW66	7/10/07 17:42	43.9	41	0	-0.4	94
BRIGEW66	7/24/07 9:05	28	34.5	0	-4.8	101
BRIGEW66	7/24/07 9:07	27.4	33.8	0.4	-3.4	101
BRIGEW67	7/10/07 17:49	46	41.4	0	-1.8	129
BRIGEW67	7/24/07 9:12	44.8	41.8	0	-0.6	126
BRIGEW67	7/24/07 9:13	44.6	41.8	0	-0.4	126
BRIGEW68	7/11/07 9:07	47.3	39.3	0	-8.1	108
BRIGEW68	7/24/07 9:19	47.3	39.5	0	-7.8	110
BRIGEW69	7/11/07 9:13	47.9	40.1	0	-10.8	109
BRIGEW69	7/24/07 9:25	48.9	38.9	0	-10.1	110
BRIGEW70	7/11/07 9:20	45.1	37.1	0	-8.7	90
BRIGEW70	7/11/07 9:24	45.2	37.7	0	-8.6	90
BRIGEW70	7/24/07 9:28	53.6	36.3	0.1	-4.8	99
BRIGEW71	7/10/07 17:54	40.7	38.5	0	0	94
BRIGEW71	7/10/07 17:59	40.7	39	0	-0.2	94
BRIGEW71	7/24/07 9:32	44.6	38.9	0	-1.1	101
BRIGEW71	7/24/07 9:34	44.3	38.7	0	-1	101
BRIGEW72	7/10/07 14:56	46.4	32.4	0	-0.6	116
BRIGEW72	7/11/07 9:31	29.2	32	0	-2.7	109
BRIGEW72	7/11/07 9:37	29.7	31.9	0	-2.2	109
BRIGEW72	7/24/07 9:42	35.1	36.9	0	-3.8	84
BRIGEW72	7/24/07 9:44	35.1	36.8	0	-2.2	84
BRIGEW73	7/11/07 9:42	46.4	36.9	0	-7.6	114
BRIGEW73	7/11/07 9:45	46.2	36.9	0	-7	114
BRIGEW73	7/24/07 9:50	48.5	37.6	0	-5.9	114
BRIGEW74	7/11/07 9:52	48.1	39.7	0	-28.7	118
BRIGEW74	7/24/07 9:54	50.4	40	0	-31.4	130
BRIGEW74	7/24/07 9:59	48.2	38.7	0	-13	128
BRIGEW75	7/11/07 9:56	46.2	38	0	-4.6	106
BRIGEW75	7/11/07 9:58	46.4	37.9	0	-4.4	106
BRIGEW75	7/24/07 10:03	49.7	38.9	0.1	-2.9	90
BRIGEW76	7/10/07 15:01	60.3	39.3	0	-0.1	110
BRIGEW76	7/10/07 15:03	59.7	38.5	0	-0.3	112
BRIGEW76	7/11/07 10:07	45.2	39.2	0	-2.2	109
BRIGEW76	7/11/07 10:09	45.3	38.6	0	-1.8	109
BRIGEW76	7/24/07 10:07	46.7	40	0	-1.1	116
BRIGEW77	7/11/07 10:20	46.1	39.4	0	-4.7	109
BRIGEW77	7/24/07 10:15	46	38.7	0	-2.5	93
BRIGEW78	7/11/07 10:23	49.6	40.7	0	-11.7	118
BRIGEW78	7/24/07 10:19	49.6	40.6	0	-11.4	119
BRIGEW79	7/11/07 10:27	44.4	37.7	0	-6.7	100
BRIGEW79	7/11/07 10:29	44.9	37.7	0	-6.1	100
BRIGEW79	7/24/07 10:23	46.1	37.6	0.3	-4	122
BRIGEW80	7/11/07 10:35	50.5	41	0	-3.4	97
BRIGEW80	7/24/07 10:28	49.7	40.6	0	-2.4	110
BRIGEW81	7/11/07 10:39	51.3	41	0	-2.2	99

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Device ID	Date Time	CH4 (Methane) (%)	CO2 (Carbon Dioxide) (%)	O ₂ (Oxygen) (% by vol)	Initial Static Pressure (inches H ₂ O)	Initial Temperature (Deg F)
BRIGEW81	7/24/07 10:32	50	39.6	0	-1	104
BRIGEW82	7/11/07 9:07	54.9	38.8	0	-3.5	110
BRIGEW82	7/11/07 9:10	54.8	39.5	0	-3.5	116
BRIGEW82	7/11/07 10:45	49.4	39.4	0	-1.9	120
BRIGEW82	7/24/07 10:37	42.6	37.2	0	-1.3	121
BRIGEW82	7/24/07 10:39	43.2	37.5	0	-1.2	121
BRIGINLT	7/10/07 12:51	48.8	37	0.6	-53.4	90
BRIGINLT	7/11/07 8:57	48.9	36.7	0.9	-51.4	90
BRIGINLT	7/11/07 11:03	53.4	36.2	0.6	-53.1	90
BRIGINLT	7/13/07 7:45	45.4	37.2	0.4	-51.7	88
BRIGINLT	7/23/07 9:10	44.4	38.5	0	-49.2	88
BRIGINLT	7/24/07 13:42	44.5	37.8	0.8	-59.8	
Brigit-1	7/13/07 9:02	43	35.9	0.6	0.1	80
Brigit-1	7/18/07 15:45	48.2	37.9	0	0	
Brigit-1	7/18/07 15:49	47.4	37.6	0	-0.3	0
Brigit-2	7/13/07 9:06	5.4	18.6	0	0.1	80
Brigit-2	7/18/07 15:53	20.9	25.7	0	-0.3	0
Brigit-3	7/13/07 9:35	54.2	41.3	0	0.1	80
Brigit-3	7/13/07 9:39	54.4	42.2	0	0	
Brigit-3	7/24/07 11:53	44.6	37.2	0.3	-0.4	
Brigit-4	7/13/07 9:56	24.1	25.7	3.2	0	80
Brigit-4	7/18/07 15:57	42.6	36.2	0.3	-0.2	
Brigit-5	7/13/07 9:59	0	1.6	17.6	0	80
Brigit-5	7/13/07 10:01	41.2	36	0	0	80
Brigit-5	7/18/07 15:59	50	39.5	0	-0.2	
Brigit-6	7/13/07 10:23	37.6	32.5	2.3	0	80
Brigit-6	7/18/07 16:03	50.7	39.2	0	-0.3	
Brigit-56	7/13/07 15:47	41.3	37.5	0.2	-43	
BRIPEW01	7/13/07 8:15	39.9	28.6	6.9	0.3	65
BRIPEW01	7/13/07 8:21	46	33.7	3.9	-0.2	65
BRIPEW02	7/13/07 8:25	0	0.3	18.5	31.8	72
BRIPEW02	7/13/07 8:32	0	0.3	18.4	-0.2	72
BRIPEW03	7/13/07 8:36	0	0.1	18.4	0	82
BRIPEW03	7/13/07 8:42	0.2	0.2	18.3	-0.3	82
BRIPEW04	7/13/07 8:46	0	0.1	18.3	0.7	96
BRIPEW04	7/13/07 8:49	0	0.1	18.2	-0.3	96
BRIPEW05	7/13/07 9:10	8.7	3.7	15.8	13.6	92
BRIPEW05	7/13/07 9:18	12.4	5.1	14.7	-0.5	92
BRIPEW06	7/13/07 9:22	57.4	41.6	0	0.8	80
BRIPEW06	7/13/07 9:24	56.4	41.8	0	-0.9	80
BRIPEW07	7/13/07 9:28	5	3.7	16	0.2	98
BRIPEW07	7/13/07 9:31	5.3	3.3	16.1	-0.4	98
BRIPEW08	7/13/07 9:43	0	3	17.3	-37.6	100
BRIPEW08	7/13/07 9:47	0	0.9	18	-23.7	100
BRIPEW09	7/13/07 9:50	56.5	43.3	0	0.6	104
BRIPEW09	7/13/07 9:52	55.4	43.1	0	-0.4	104
BRIPEW10	7/13/07 10:04	60.6	38.2	0	0	102

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BRIPEW10	7/13/07 10:06	21.1	14.1	11.1	-0.7	102
BRIPEW11	7/13/07 10:11	25.3	14.9	10.1	-34.1	102
BRIPEW12	7/13/07 10:15	8.3	4.4	15.5	-34.3	100
BRIPEW12	7/13/07 10:19	4.9	2.3	16.8	-5.9	100
BRIPEW13	7/13/07 10:27	0	1	18.1	1	104
BRIPEW13	7/13/07 10:30	1.2	0.6	17.1	-0.3	104
BRIPEW14	7/13/07 10:33	0	0.9	18.2	0.2	105
BRIPEW14	7/13/07 10:35	0	0.4	18.3	0	105
BRIPEW14	7/24/07 11:57	56.3	41.4	0.3	0.2	108
BRIPEW14	7/24/07 11:59	55.7	41.3	0.1	-0.6	108
BRIPEW15	7/13/07 10:39	0	0.3	18.3	2.7	96
BRIPEW15	7/13/07 10:41	0	0.2	18.3	0	96
BRIPEW15	7/24/07 12:03	0.2	1.2	18.1	0.4	105
BRIPEW15	7/24/07 12:05	2.4	4.7	14.1	-4.1	105
BRIPEW16	7/13/07 10:45	23.3	21	6.3	0	100
BRIPEW16	7/13/07 10:46	22.9	21.3	6.3	-0.1	100
BRIPEW17	7/13/07 10:50	0	8.8	10.3	-0.2	102
BRIPEW18	7/13/07 10:53	0	0.6	18.3	0	99
BRIPEW18	7/18/07 16:07	0	1	17.5	0	98
BRIPEW18	7/18/07 16:09	0	0.8	17.3	-0.2	98
BRIPEW19	7/13/07 10:57	0	2.4	16.4	-0.1	99
BRIPEW20	7/13/07 11:00	35.7	24.6	5.5	-1.2	98
BRIPEW21	7/13/07 11:03	0	6.2	13.1	-0.4	100
BRIPEW22	7/13/07 11:06	0	0.8	18.1	-0.3	100
BRIPEW23	7/13/07 11:09	0	0.4	18	-2.4	98
BRIPEW23	7/13/07 11:11	8.8	21.9	6.5	-1.1	98
BRIPEW24	7/13/07 11:14	13.6	29.1	1.1	-9	97
BRIPEW25	7/13/07 11:21	26.7	26.5	1.1	-4	100
BRIPEW26	7/13/07 11:26	6.3	18.1	6.4	-2	102
BRIPEW27	7/13/07 11:29	12.5	28.6	1.6	-3	101
BRIPEW28	7/13/07 11:32	0.2	5	13.3	0	101
BRIPEW28	7/18/07 16:16	0.5	10.1	7.7	-0.4	98
BRIPEW29	7/13/07 11:35	50.8	36.6	1.6	0	102
BRIPEW29	7/13/07 11:37	55.7	41.1	0	-2.4	102
BRIPEW30	7/13/07 11:41	49.2	36	2.1	-0.2	100
BRIPEW31	7/13/07 11:45	26.7	17	1.4	-0.4	102
BRIPEW32	7/13/07 11:48	41.6	37.4	0	0	104
BRIPEW32	7/13/07 11:50	42.7	38.6	0	-0.6	104
BRIPEW33	7/13/07 11:53	30.6	21	0.2	0	103
BRIPEW33	7/13/07 11:55	32.6	22	0	-0.5	103
BRIPEW34	7/13/07 11:58	31.5	22.6	3.9	0	104
BRIPEW34	7/18/07 16:21	24.6	23	2.5	0	99
BRIPEW34	7/18/07 16:24	18.4	27.9	0	-0.7	99
BRIPEW35	7/13/07 12:02	44	18.7	3	0	101
BRIPEW35	7/13/07 12:04	33.9	25.9	0	-0.8	101
BRIPEW36	7/13/07 12:08	51.9	40.6	0	-1.4	99
BRIPEW37	7/13/07 12:11	47.3	36.9	0	-3.3	99

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BRIPEW38	7/13/07 12:15	52.4	46	0	-3.2	101
BRIPEW39	7/13/07 12:18	57	40.2	0	8.5	101
BRIPEW39	7/13/07 12:21	56.6	41.8	0	-0.2	101
BRIPEW40	7/13/07 12:24	62	33.7	0	0	98
BRIPEW40	7/13/07 12:26	61.9	33.6	0	-3.6	98
BRLCS-1B	7/13/07 15:20	55.7	37.3	0.3	-37.8	100
BRLCS-2C	7/13/07 15:37	53.4	42.5	0	-31.4	100
BRLCS-3C	7/13/07 15:32	53.4	42.9	0	-23.6	100
BRLCS-4A	7/13/07 15:25	41.3	35.3	4.4	-4.8	100
BRLCS-5A	7/13/07 15:11	0.5	1.5	17.8	-1.4	100
BRLCS-5A	7/13/07 15:13	0.5	0.8	17.8	-0.5	100
BRLCS-6A	7/13/07 15:06	24.2	31.2	1.1	-9	100

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Device ID	Date Time	CH4 (Methane) (%)	CO2 (Carbon Dioxide) (%)	O ₂ (Oxygen) (% by vol)	Initial Static Pressure (inches H ₂ O)	Initial Temperat- ure (Deg F)
BRGEW65A	8/8/07 14:14	50	40.9	0.1	-0.3	113
BRGEW65A	8/21/07 13:16	47.5	40	0.9	-0.8	102
BRGEW65A	8/21/07 13:18	44.4	37.8	1.9	-0.9	102
BRIEW12A	8/8/07 9:11	41.7	42.8	0	0	107
BRIEW12A	8/8/07 9:14	41.8	42.8	0	-0.2	118
BRIEW12A	8/21/07 9:30	42.3	43.6	0	-0.8	135
BRIEW12A	8/21/07 9:32	41.6	42.9	0.1	-0.6	126
BRIEW12A	8/28/07 8:28	59	41	0	-0.2	92
BRIEW14A	8/8/07 9:25	45.5	37.5	0	-5.9	120
BRIEW14A	8/8/07 9:27	45.5	37.6	0	-5.2	120
BRIEW14A	8/21/07 9:40	44.5	37.9	0	-5.3	111
BRIEW14A	8/21/07 9:41	44.8	38.3	0	-4.8	111
BRIEW19A	8/8/07 9:50	52.7	43.9	0.1	-0.4	134
BRIEW19A	8/8/07 9:52	52	44.1	0.1	-0.1	130
BRIEW19A	8/10/07 10:37	51.3	46.5	0.1	0.1	95
BRIEW19A	8/10/07 10:40	51.5	46.5	0.1	-0.1	110
BRIEW19A	8/21/07 10:14	50.4	45.6	0.1	-0.2	127
BRIEW19A	8/28/07 9:12	67.6	32.4	0	-0.2	131
BRIEW19A	8/28/07 9:15	64.8	35.2	0	-0.1	130
BRIEW20A	8/8/07 9:56	53.2	41.4	0	-1.9	125
BRIEW20A	8/21/07 10:18	53.3	43	0	-1.8	123
BRIEW21A	8/8/07 10:01	41.5	38.2	0	-2.3	126
BRIEW21A	8/8/07 10:04	41.7	38.4	0	-1.4	126
BRIEW21A	8/21/07 10:21	44.2	41.6	0.3	-0.7	119
BRIEW21A	8/21/07 10:23	45.4	40.9	0	-0.5	119
BRIEW23A	8/8/07 10:13	47.3	38.1	0	-0.9	97
BRIEW23A	8/8/07 10:15	46.5	38	0	-0.6	97
BRIEW23A	8/21/07 10:33	47.3	41	0	-0.2	97
BRIEW24A	8/8/07 10:19	53.2	42.4	0.1	-0.3	88
BRIEW24A	8/8/07 10:21	54	43	0	-0.6	96
BRIEW24A	8/21/07 10:36	47.4	41	0	-0.6	117
BRIEW24A	8/21/07 10:37	47.3	40.9	0.1	-0.3	117
BRIEW25A	8/8/07 10:26	47.3	38	0	-1.6	100
BRIEW25A	8/21/07 10:42	44	38.8	0.3	-0.5	107
BRIEW25A	8/21/07 10:46	43.8	39	0.2	-0.4	107
BRIEW27A	8/8/07 10:35	41.6	36.3	1.3	-0.7	108
BRIEW27A	8/8/07 10:37	39.2	33.8	2.6	-0.8	108
BRIEW27A	8/21/07 10:54	35.6	29.9	4.5	-1	95
BRIEW27A	8/21/07 10:57	42.2	40.1	0	-1.2	110
BRIGEW01	8/8/07 7:40	57.5	39.9	0	-0.1	104
BRIGEW01	8/8/07 7:42	57.3	39.6	0	-0.2	104
BRIGEW01	8/21/07 8:18	32.8	30.9	0.9	-0.5	120
BRIGEW01	8/21/07 8:19	32.6	30.8	0.9	-0.2	120
BRIGEW02	8/8/07 7:47	52.2	41.5	0	-1.5	112
BRIGEW02	8/21/07 8:23	48.6	40.4	0	-3.9	123
BRIGEW02	8/21/07 8:25	48.6	40.6	0	-3.6	123
BRIGEW03	8/8/07 7:51	54.7	43.6	0	0	92

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Device ID	Date Time	CH4 (Methane) (%)	CO2 (Carbon Dioxide) (%)	O ₂ (Oxygen) (% by vol)	Initial Static Pressure (inches H ₂ O)	Initial Temperat- ure (Deg F)
BRIGEW03	8/8/07 7:56	53.1	42.5	0	-0.1	113
BRIGEW03	8/21/07 8:28	36	37	0	-2	115
BRIGEW03	8/21/07 8:30	33.9	36.3	0	-1.2	115
BRIGEW04	8/8/07 8:00	53.8	41.8	0	0	111
BRIGEW04	8/8/07 8:03	54	42	0	-0.2	120
BRIGEW04	8/21/07 8:34	41.1	38.3	0	-0.9	127
BRIGEW04	8/21/07 8:36	40.6	38.7	0	-0.7	124
BRIGEW05	8/8/07 8:07	35.5	36.4	0	-0.7	98
BRIGEW05	8/8/07 8:10	35.2	36	0	-0.4	98
BRIGEW05	8/21/07 8:39	32.3	36.1	0	-0.6	92
BRIGEW05	8/21/07 8:41	32.1	36.1	0	-0.2	92
BRIGEW06	8/8/07 8:15	40.9	35.6	1.2	-0.3	95
BRIGEW06	8/8/07 8:18	42.2	36.4	1	-0.2	95
BRIGEW06	8/21/07 8:46	33.2	32.2	2.5	-0.2	94
BRIGEW07	8/8/07 8:30	55.3	41	0	-1.9	118
BRIGEW07	8/8/07 8:31	55.1	40.8	0	-2.3	118
BRIGEW07	8/21/07 8:50	51.8	40.7	0	-2.9	118
BRIGEW08	8/8/07 8:48	54.2	41.8	0	0.1	126
BRIGEW08	8/8/07 8:52	54.7	42	0	-0.1	126
BRIGEW08	8/21/07 8:56	48	40.3	0	-1.8	127
BRIGEW09	8/8/07 8:56	24.5	30.1	0	0	96
BRIGEW09	8/8/07 8:59	25.2	30.1	0	-0.1	101
BRIGEW09	8/21/07 9:08	23.4	30.8	0	-0.2	87
BRIGEW09	8/21/07 9:11	24.4	31.7	0	-0.6	104
BRIGEW10	8/8/07 9:03	52.6	41.5	0	-16.8	120
BRIGEW10	8/21/07 9:15	45.4	37.3	1.8	-16.8	122
BRIGEW10	8/21/07 9:17	50.2	41.4	0	-15.5	122
BRIGEW11	8/8/07 9:07	48.2	44.6	0.3	-2.4	100
BRIGEW11	8/21/07 9:21	47	45.4	0.3	-2.6	87
BRIGEW11	8/21/07 9:24	46.2	37.4	2.7	-2.6	87
BRIGEW11	8/21/07 9:26	53.3	43.4	0	-2.8	105
BRIGEW13	8/8/07 9:18	53.5	44.7	0	-0.2	135
BRIGEW13	8/8/07 9:21	53.4	44.5	0	-0.1	133
BRIGEW13	8/10/07 10:26	53.4	45.1	0.4	-0.5	129
BRIGEW13	8/21/07 9:35	51.2	45.3	0	-0.5	128
BRIGEW13	8/28/07 8:46	65	35	0	-0.1	128
BRIGEW15	8/8/07 9:31	40.3	35	0.1	-0.2	96
BRIGEW15	8/21/07 9:45	41.8	37.4	0.4	-0.4	85
BRIGEW15	8/21/07 9:46	41.7	37.7	0.4	-0.3	85
BRIGEW16	8/8/07 9:34	42	35.6	0	-5.2	110
BRIGEW16	8/8/07 9:35	41.9	35.4	0	-4.2	110
BRIGEW16	8/21/07 9:50	41.9	37.1	0	-3.9	108
BRIGEW16	8/21/07 9:52	41.9	36.9	0	-2.8	108
BRIGEW17	8/8/07 9:39	44.6	37.3	0	-3.6	117
BRIGEW17	8/8/07 9:41	42.1	35.9	0	-2.7	117
BRIGEW17	8/21/07 9:57	46.6	39.6	0	-2.5	116
BRIGEW17	8/21/07 10:00	45.5	39.1	0	-1	116

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Device ID	Date Time	CH4 (Methane) (%)	CO2 (Carbon Dioxide) (%)	O ₂ (Oxygen) (% by vol)	Initial Static Pressure (inches H ₂ O)	Initial Temperature (Deg F)
BRIGEW18	8/8/07 9:45	29.6	25	7.3	-1.1	112
BRIGEW18	8/8/07 9:47	18.6	15.9	11.1	-0.3	112
BRIGEW18	8/10/07 10:32	48.3	41.8	1.1	0	118
BRIGEW18	8/10/07 10:33	40.3	35.7	3.2	-0.2	118
BRIGEW18	8/21/07 10:03	29.9	27.4	6.7	-0.3	111
BRIGEW18	8/21/07 10:08	33.8	31.2	5.9	-5.8	120
BRIGEW18	8/21/07 10:10	6.1	7.5	15	-0.1	120
BRIGEW18	8/28/07 9:25	49.8	43.7	0	0.3	108
BRIGEW18	8/28/07 9:27	49.9	43.8	0	-0.2	108
BRIGEW22	8/8/07 10:07	46.4	39.1	0	-4.1	98
BRIGEW22	8/8/07 10:09	46.4	39.2	0	-3.2	98
BRIGEW22	8/21/07 10:26	47.8	40.6	0	-2.1	106
BRIGEW22	8/21/07 10:28	47.6	40.8	0	-1.7	106
BRIGEW26	8/8/07 10:29	47.6	40.4	0	0	89
BRIGEW26	8/8/07 10:31	47.4	40.8	0.1	-0.8	94
BRIGEW26	8/21/07 10:49	47.2	40.6	0.4	-1.2	120
BRIGEW26	8/21/07 10:51	46.1	39.7	0.8	-0.6	120
BRIGEW28	8/8/07 10:41	54	39.5	0	-17.8	128
BRIGEW28	8/21/07 11:01	43.7	38	0	-17.8	128
BRIGEW28	8/21/07 11:02	43.4	37.7	0	-14.2	128
BRIGEW28	8/28/07 9:38	59.4	39.8	0	-12.8	129
BRIGEW29	8/8/07 10:45	52.7	41.8	0.3	-1.3	88
BRIGEW29	8/8/07 10:46	54.2	42.4	0	-1.4	88
BRIGEW29	8/21/07 11:10	39.1	37	0.4	-1.6	94
BRIGEW29	8/21/07 11:14	26.5	25.2	6.7	-1.5	94
BRIGEW29	8/21/07 11:15	40	37.7	0.1	-1.5	94
BRIGEW30	8/8/07 10:50	51.9	38.6	0	-8.5	126
BRIGEW30	8/21/07 16:45	43.7	37	0	-8.4	126
BRIGEW30	8/21/07 16:46	44.4	37.4	0	-7.7	126
BRIGEW31	8/8/07 10:56	55	40.3	0.4	-24.4	129
BRIGEW31	8/21/07 16:40	46.9	37.3	0.6	-24.7	128
BRIGEW31	8/21/07 16:41	46.8	37.3	0.6	-22.9	128
BRIGEW32	8/8/07 11:02	50	38.8	0.4	-22.1	123
BRIGEW32	8/21/07 16:32	41.1	37.8	2.2	-21.8	122
BRIGEW32	8/21/07 16:33	49.3	38.6	0	-19.4	122
BRIGEW33	8/8/07 11:08	32.6	23.6	7.7	-1.6	90
BRIGEW33	8/8/07 11:10	56.4	41.6	0.2	-2.2	90
BRIGEW33	8/21/07 16:25	40.6	38.6	0	-2.6	114
BRIGEW33	8/21/07 16:27	41.1	38.5	0.1	-2.4	114
BRIGEW34	8/8/07 11:14	48.2	39.2	0	-1.6	131
BRIGEW34	8/8/07 11:16	48.2	39	0	-1.3	129
BRIGEW34	8/21/07 16:21	51.7	39.5	0	-0.6	128
BRIGEW34	8/28/07 9:54	55.9	40.8	0	-0.8	128
BRIGEW35	8/8/07 11:19	51.9	41.5	0	-3.4	115
BRIGEW35	8/21/07 16:17	50.9	41.1	0.2	-2.9	117
BRIGEW36	8/8/07 11:22	52.7	42.2	0	-1.9	104
BRIGEW36	8/21/07 16:14	51.7	41.3	0	-1.3	103

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Device ID	Date Time	CH4 (Methane) (%)	CO2 (Carbon Dioxide) (%)	O ₂ (Oxygen) (% by vol)	Initial Static Pressure (inches H ₂ O)	Initial Temperat- ure (Deg F)
BRIGEW37	8/8/07 11:26	46.7	40.1	0	-1.4	110
BRIGEW37	8/8/07 11:27	45.3	39.1	0	-1.3	110
BRIGEW37	8/21/07 16:08	47.3	38.4	0.1	-0.7	100
BRIGEW37	8/21/07 16:10	47.2	38.8	0	-0.6	100
BRIGEW38	8/8/07 11:31	51.4	41.6	0	-4.7	117
BRIGEW38	8/21/07 16:03	49.7	39.8	0.5	-3.9	118
BRIGEW39	8/8/07 11:34	48.4	38.7	0.2	-1.4	119
BRIGEW39	8/21/07 16:00	51.1	39.4	0.1	-0.9	120
BRIGEW40	8/8/07 12:04	45.8	37.9	0.3	-8.7	94
BRIGEW40	8/8/07 12:05	46.1	37.4	0	-7.6	94
BRIGEW40	8/21/07 15:54	47.4	37.6	0	-5.8	104
BRIGEW40	8/21/07 15:56	47.3	37.5	0	-5	104
BRIGEW41	8/8/07 12:09	47.4	38.2	0	-1.8	104
BRIGEW41	8/8/07 12:11	47.9	38.1	0	-1.5	104
BRIGEW41	8/21/07 15:49	48.7	38.2	0	-1	112
BRIGEW42	8/8/07 12:14	54	41.2	0	-0.5	105
BRIGEW42	8/8/07 12:16	53.7	41.7	0	-0.6	105
BRIGEW42	8/21/07 15:45	47.5	38.6	0	-0.4	113
BRIGEW42	8/21/07 15:46	47.3	38.5	0	-0.2	113
BRIGEW43	8/8/07 12:20	48.5	40.1	0	-1.9	113
BRIGEW43	8/21/07 15:41	48.1	40.3	0	-1.7	114
BRIGEW44	8/8/07 12:23	49.2	40.7	0	-0.3	108
BRIGEW44	8/21/07 15:35	45.2	39.8	0	0	114
BRIGEW44	8/21/07 15:36	45.2	39.5	0	-0.2	114
BRIGEW45	8/8/07 12:26	58.5	41.5	0	0.5	88
BRIGEW45	8/8/07 12:29	59.1	40.9	0	-0.2	93
BRIGEW45	8/21/07 15:28	56.2	41.4	0	-0.6	112
BRIGEW45	8/21/07 15:30	56.4	41.3	0	-1	112
BRIGEW46	8/8/07 12:33	49	40	0	-3	116
BRIGEW46	8/21/07 15:22	47	40.6	0	-3.2	118
BRIGEW46	8/21/07 15:24	46.7	40.6	0	-2.4	118
BRIGEW47	8/8/07 12:37	51.8	41.8	0	-27.2	123
BRIGEW47	8/21/07 15:18	49.3	40.7	0.3	-26.6	124
BRIGEW48	8/8/07 12:42	48.5	40	0	-0.6	116
BRIGEW48	8/21/07 14:59	45.3	39.7	0	-0.5	115
BRIGEW48	8/21/07 15:02	46	40.8	0	-0.2	115
BRIGEW49	8/8/07 12:45	42.9	37.4	0	-0.1	104
BRIGEW49	8/21/07 14:52	39.6	37.6	0	-0.2	99
BRIGEW49	8/21/07 14:54	39.8	37.7	0	-0.1	99
BRIGEW50	8/8/07 12:50	49.1	39.9	0	-0.2	115
BRIGEW50	8/21/07 14:47	45.4	39.7	0	-0.4	115
BRIGEW50	8/21/07 14:48	46.6	39.6	0	-0.2	115
BRIGEW51	8/8/07 12:53	51	42.1	0	-0.2	114
BRIGEW51	8/21/07 14:43	48	42.2	0.2	-0.3	114
BRIGEW52	8/8/07 12:59	40	36.7	0	-0.2	118
BRIGEW52	8/21/07 14:37	34.3	36.4	0	-0.2	116
BRIGEW52	8/21/07 14:39	34.5	36.5	0	-0.1	116

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Device ID	Date Time	CH4 (Methane) (%)	CO2 (Carbon Dioxide) (%)	O ₂ (Oxygen) (% by vol)	Initial Static Pressure (inches H ₂ O)	Initial Temperat ure (Deg F)
BRIGEW53	8/8/07 13:03	43.9	36.9	0	-0.2	114
BRIGEW53	8/21/07 14:30	41.7	36.8	0.2	-0.8	113
BRIGEW53	8/21/07 14:33	41.4	36.5	0.2	-0.3	113
BRIGEW54	8/8/07 13:06	47.6	41.2	0	-0.1	112
BRIGEW54	8/21/07 14:24	41.1	34.3	2.6	-0.2	106
BRIGEW54	8/21/07 14:26	44.4	41.2	0.2	-0.2	106
BRIGEW55	8/8/07 13:10	45.6	41.5	0	-0.3	118
BRIGEW55	8/21/07 14:18	43.2	41.9	0.1	-0.3	124
BRIGEW55	8/21/07 14:20	43.6	42	0	-0.1	124
BRIGEW56	8/8/07 13:18	56.1	39.5	0	-1.2	108
BRIGEW56	8/8/07 13:20	56.1	39.8	0	-1.9	108
BRIGEW56	8/21/07 14:12	55	39.4	0	-1.7	127
BRIGEW56	8/21/07 14:14	55.3	39.6	0	-1.9	130
BRIGEW56	8/28/07 8:10	49	38.2	0.7	-1.7	108
BRIGEW57	8/8/07 13:27	45.6	38.8	0	-2	102
BRIGEW57	8/8/07 13:29	45.9	38.3	0	-1.4	102
BRIGEW57	8/21/07 14:05	41.4	40.2	0.1	-1.5	102
BRIGEW57	8/21/07 14:07	42.1	40.4	0	-1.4	102
BRIGEW58	8/8/07 13:33	49	39.7	0	-0.9	119
BRIGEW58	8/21/07 13:58	44.2	40.3	0	-1	117
BRIGEW58	8/21/07 14:00	44	40.2	0.2	-0.9	117
BRIGEW59	8/8/07 13:37	32.8	30.4	4.5	-0.1	88
BRIGEW59	8/8/07 13:39	40.8	38.1	0.1	-0.3	88
BRIGEW59	8/21/07 13:53	30.5	40.6	0.1	-0.4	96
BRIGEW59	8/21/07 13:54	30.6	40.2	0.1	-0.4	96
BRIGEW60	8/8/07 13:45	53.5	39.9	0	-1.4	107
BRIGEW60	8/8/07 13:46	53.7	39.5	0	-1.4	107
BRIGEW60	8/21/07 13:49	49.5	40.8	0	-2	107
BRIGEW61	8/8/07 13:50	55.4	42.3	0	-0.3	80
BRIGEW61	8/8/07 13:52	55.3	42.3	0	-0.5	80
BRIGEW61	8/21/07 13:45	52.2	43.2	0	-0.8	77
BRIGEW62	8/8/07 13:57	45	42.1	0	0.2	92
BRIGEW62	8/8/07 14:00	44.8	41.8	0	-0.3	92
BRIGEW62	8/21/07 13:39	46.5	39.4	0.3	-1	108
BRIGEW62	8/21/07 13:41	46.5	39.4	0.3	-0.8	108
BRIGEW63	8/8/07 14:04	48.8	41.5	0.1	-0.4	109
BRIGEW63	8/21/07 13:32	23.8	21	8.5	-0.6	100
BRIGEW63	8/21/07 13:34	46.6	41.2	0.3	-2	108
BRIGEW64	8/8/07 14:10	52.4	40.8	0.1	-3.3	108
BRIGEW64	8/21/07 13:22	51.2	41.7	0	-3.7	106
BRIGEW66	8/8/07 14:18	46	38.8	0.2	0.1	95
BRIGEW66	8/8/07 14:20	47.4	40.3	0	-0.1	95
BRIGEW66	8/21/07 13:12	49.6	40.5	0	-3	103
BRIGEW67	8/8/07 14:25	45.7	41.8	0	0.8	111
BRIGEW67	8/8/07 14:28	46.1	42.2	0	-0.3	128
BRIGEW67	8/21/07 13:05	47.5	41.4	0	-1.6	132
BRIGEW67	8/21/07 13:07	47.3	41.3	0	-1.2	130

Bridgeton Sanitary Landfill
August 2007 Wellfield Data

Device ID	Date Time	CH4 (Methane) (%)	CO2 (Carbon Dioxide) (%)	O ₂ (Oxygen) (% by vol)	Initial Static Pressure (inches H ₂ O)	Initial Temperat ure (Deg F)
BRIGEW67	8/28/07 8:59	66.6	33.4	0	-2.4	127
BRIGEW68	8/8/07 14:40	49.7	39	0	-7.1	110
BRIGEW68	8/21/07 13:00	48.6	39.7	0.1	-8.2	110
BRIGEW69	8/8/07 14:44	50.9	39.9	0.1	-7.1	112
BRIGEW69	8/21/07 12:57	50.9	40.8	0	-7.8	111
BRIGEW70	8/8/07 14:47	50.7	39.5	0.4	-1.2	107
BRIGEW70	8/21/07 12:53	52.3	41.4	0.5	-2.2	96
BRIGEW71	8/8/07 14:50	41.8	38.2	0	0.6	113
BRIGEW71	8/8/07 14:53	40.7	38.5	0	-0.2	113
BRIGEW71	8/21/07 12:49	49.4	38.9	0	-1.8	118
BRIGEW72	8/8/07 14:58	45.3	38.4	0.3	0.6	110
BRIGEW72	8/8/07 15:00	43.9	39.7	0.1	-0.2	110
BRIGEW72	8/21/07 12:41	42.2	36.1	0	-1	114
BRIGEW72	8/21/07 12:45	42.2	36.2	0	-0.8	114
BRIGEW73	8/8/07 15:06	48.6	37.4	0	-4.4	116
BRIGEW73	8/21/07 12:36	49.9	37.6	0	-5.2	116
BRIGEW74	8/8/07 15:09	50.8	41.2	0	-5.1	100
BRIGEW74	8/21/07 12:32	51.9	41.8	0	-5.9	110
BRIGEW75	8/8/07 15:13	51.6	40.3	0.1	-0.1	113
BRIGEW75	8/21/07 12:29	50.7	40.8	0	-1.2	94
BRIGEW76	8/8/07 15:17	50.9	40.6	0	-0.6	120
BRIGEW76	8/21/07 12:25	52.9	41.8	0	-0.9	117
BRIGEW77	8/8/07 15:21	47.8	38.5	0	-1.2	106
BRIGEW77	8/8/07 15:23	47.8	39	0	-1.1	106
BRIGEW77	8/21/07 12:21	55.3	40.5	0.2	-1.8	97
BRIGEW78	8/8/07 15:26	51.1	39.7	0.1	-10.2	119
BRIGEW78	8/21/07 12:17	51.3	40.1	0.2	-11	118
BRIGEW79	8/8/07 15:30	49.8	38.1	0.1	-2.3	98
BRIGEW79	8/21/07 12:13	50.4	38.8	0	-3.4	106
BRIGEW80	8/8/07 15:34	50.5	40.3	0.1	-1.9	88
BRIGEW80	8/21/07 12:09	50.4	40.1	0.3	-2.6	93
BRIGEW81	8/8/07 15:40	50.2	38.4	0	-0.2	115
BRIGEW81	8/21/07 12:05	51.1	39.4	0	-0.4	99
BRIGEW82	8/8/07 15:44	46.8	37.5	0	-0.2	125
BRIGEW82	8/21/07 12:00	50.1	39.8	0	-0.5	120
BRIGINLT	8/8/07 7:11	46.2	37	1.2	-57.9	90
BRIGINLT	8/8/07 15:50	48	36.4	0.9	-55.9	92
BRIGINLT	8/9/07 7:25	47.4	37.6	1	-57	91
BRIGINLT	8/9/07 11:41	44.6	37.6	1.1	-56.3	91
BRIGINLT	8/10/07 7:26	46.4	37.2	1.2	-56.8	91
BRIGINLT	8/10/07 10:52	45.3	37.7	1.2	-55.4	91
BRIGINLT	8/21/07 7:58	45.5	37.1	1.2	-55.4	92
BRIGINLT	8/21/07 16:56	45.6	36.2	1.6	-57.9	92
BRIGINLT	8/22/07 9:10	46.1	36.8	1.3	-58.8	92
BRIGINLT	8/22/07 10:21	45	37.3	1.4	-55.6	92
BRIGINLT	8/28/07 7:23	42.8	34.4	2.3	-79.2	
BRIGINLT	8/28/07 7:35	42.6	34.8	2.1	-57.5	

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Brigt-1	8/9/07 8:10	24.6	25.5	3.2	-0.6	
Brigt-2	8/9/07 8:14	36.3	33.4	0	-0.5	
Brigt-3	8/9/07 8:37	42	35.9	0.2	-0.5	
Brigt-4	8/9/07 8:52	47.7	37.4	0.2	-0.6	
Brigt-5	8/9/07 8:55	44.8	36.9	0	-0.5	
Brigt-6	8/9/07 9:21	27	26.2	3.2	-0.5	
Brigt-56	8/22/07 9:16	58	42	0	0.1	87
Brigt-56	8/22/07 9:25	57.7	42.3	0	-0.2	87
BRIPEW01	8/9/07 7:41	50.6	35.5	2.6	0	70
BRIPEW01	8/9/07 7:44	21.2	15.1	11.6	-0.4	70
BRIPEW02	8/9/07 7:49	3.7	7.9	12.5	-40.8	71
BRIPEW02	8/9/07 7:53	1.9	4.8	14.8	-0.2	71
BRIPEW03	8/9/07 7:57	15	16.8	6	-0.4	75
BRIPEW04	8/9/07 8:01	35.8	15.3	3.8	0	76
BRIPEW04	8/9/07 8:06	27.8	11.7	6.9	-1.8	76
BRIPEW05	8/9/07 8:17	22.4	12.9	11.7	-44.2	88
BRIPEW05	8/9/07 8:21	0	0.6	18.5	-4.8	88
BRIPEW06	8/9/07 8:25	49.7	37.1	0.7	-2.4	80
BRIPEW06	8/9/07 8:27	47.2	36.4	0.6	-3.9	80
BRIPEW07	8/9/07 8:31	53.9	27.4	3.2	-0.9	74
BRIPEW07	8/9/07 8:33	64.6	31.9	0.3	-4.6	74
BRIPEW08	8/9/07 8:43	3.6	3	16.2	-50.5	75
BRIPEW09	8/9/07 8:47	57.2	41.3	0.2	-0.2	104
BRIPEW09	8/9/07 8:49	55.9	40.8	0.6	-11.7	104
BRIPEW10	8/9/07 8:59	62.8	35.9	0	6.5	78
BRIPEW10	8/9/07 9:03	54.3	31.7	2.3	-14.7	78
BRIPEW10	8/17/07 12:18	60.7	36.7	0	4.5	99
BRIPEW10	8/17/07 12:21	57.7	36.1	0.5	-46.6	99
BRIPEW11	8/9/07 9:08	21.5	14.9	11.4	-49.5	78
BRIPEW11	8/9/07 9:12	20.2	13.2	12.1	-46.6	78
BRIPEW11	8/17/07 12:14	32.7	22.8	7.8	-19.9	98
BRIPEW12	8/9/07 9:16	47.6	34.8	1.1	-9.4	77
BRIPEW12	8/9/07 9:18	48.5	35.5	0.7	-15.1	77
BRIPEW13	8/9/07 9:25	57.8	41.6	0.2	-0.8	80
BRIPEW13	8/9/07 9:27	57.4	41.2	0	-8.6	80
BRIPEW14	8/9/07 9:31	56.6	42.2	0.1	-0.8	80
BRIPEW14	8/9/07 9:33	55.9	41.8	0.1	-8.4	80
BRIPEW15	8/9/07 9:38	8.9	10.1	12.3	-20.8	81
BRIPEW15	8/9/07 9:40	8.9	9.6	12.6	-13.8	81
BRIPEW16	8/9/07 9:43	27.1	22.4	6.9	-0.1	86
BRIPEW17	8/9/07 9:47	8.1	22.1	3.2	-0.1	87
BRIPEW18	8/9/07 9:51	0	1.3	17.9	-0.4	84
BRIPEW19	8/9/07 9:55	0	1.6	16.7	-0.4	85
BRIPEW20	8/9/07 9:58	34.5	22.6	7	-1.3	85
BRIPEW21	8/9/07 10:02	39.4	30.6	0.6	-0.2	90
BRIPEW21	8/9/07 10:04	38.4	30.2	0.6	-2.9	90
BRIPEW22	8/9/07 10:08	6.4	6.4	14.3	-0.4	84

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BRIPEW23	8/9/07 10:11	38.6	11.4	2.1	-0.4	87
BRIPEW23	8/9/07 10:15	0.3	9.4	10.7	-2.1	87
BRIPEW24	8/9/07 10:19	37.2	29.8	0.7	-9.6	84
BRIPEW25	8/9/07 10:22	36.1	27.4	0.5	-3.7	92
BRIPEW26	8/9/07 10:25	30	27.7	0.5	-1.9	85
BRIPEW27	8/9/07 10:29	39	31.1	0.4	-2.6	90
BRIPEW28	8/9/07 10:32	1.6	7	12.8	-0.3	83
BRIPEW29	8/9/07 10:35	44.5	37.3	0.7	-1.8	88
BRIPEW29	8/9/07 10:37	44.5	37.5	0.4	-6.6	88
BRIPEW30	8/9/07 10:40	55.7	40.8	0	-0.1	91
BRIPEW30	8/9/07 10:44	45.9	34.2	3	-19.6	91
BRIPEW30	8/17/07 12:07	36.5	26.3	6.5	-22	91
BRIPEW31	8/9/07 10:50	36.3	22.9	0	-0.2	91
BRIPEW31	8/9/07 10:53	27.8	17.3	4.5	-8.7	91
BRIPEW31	8/17/07 12:03	18.1	15.2	9.8	-1.9	90
BRIPEW32	8/9/07 11:00	46.7	37.5	0.3	-0.6	87
BRIPEW32	8/9/07 11:02	46.5	37.6	0.2	-1.6	87
BRIPEW33	8/9/07 11:06	23.5	26.9	0.7	-0.6	84
BRIPEW34	8/9/07 11:09	4.2	16.8	6.7	-0.8	84
BRIPEW35	8/9/07 11:12	11.2	25	4.5	-1.2	84
BRIPEW36	8/9/07 11:15	50.5	41.5	0.1	-1.8	86
BRIPEW36	8/9/07 11:17	50.5	41.5	0	-5.1	86
BRIPEW37	8/9/07 11:21	42.1	36.9	0.3	-4.2	83
BRIPEW38	8/9/07 11:24	47.8	42.7	0	-5.9	80
BRIPEW38	8/9/07 11:26	48.9	43.3	0	-8.8	80
BRIPEW39	8/9/07 11:30	35.7	35.4	0.4	-9.8	76
BRIPEW40	8/9/07 11:33	5.3	11.1	11.2	-6.2	79
BRIPEW40	8/9/07 11:35	5.1	10.8	11.4	-3.2	79
BRLCS-1B	8/10/07 8:53	61.4	34.6	0.7	-52.4	
BRLCS-1B	8/22/07 9:52	55.7	30	2.3	-51.4	
BRLCS-2C	8/10/07 9:16	59.6	40.4	0	244.2	
BRLCS-2C	8/10/07 9:30	58.4	41.6	0	-4.6	
BRLCS-2C	8/22/07 10:09	26.3	16.5	0	-30.8	
BRLCS-2C	8/22/07 10:15	56	42.3	0	-0.7	
BRLCS-3C	8/10/07 9:12	59	40.6	0	-49	
BRLCS-3C	8/22/07 10:02	55.8	40	0.5	-43.7	
BRLCS-4A	8/10/07 9:00	40.6	33.1	5.1	-6.2	
BRLCS-4A	8/10/07 9:03	53.1	42.7	0.8	-0.4	
BRLCS-4A	8/22/07 9:56	49.2	49.9	0	-0.1	
BRLCS-5A	8/10/07 8:41	54.8	43.4	0	0	
BRLCS-5A	8/10/07 8:45	40.5	33.3	4.8	-0.4	
BRLCS-5A	8/22/07 9:35	55.4	43.1	0	0.4	
BRLCS-5A	8/22/07 9:44	15.3	12.6	13.2	-1	
BRLCS-6A	8/10/07 8:32	29.6	32.6	1.9	-0.4	
BRLCS-6A	8/22/07 9:31	28.5	32.7	1.3	-0.1	